Edward Penta

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EDUCATION   Expected August 2018

Wentworth Institute of Technology | Boston, MA
Bachelor of Science in Computer Science
Related Courses: Computer Science I, Intro to Networks and Systems, Computer Science II, Object Oriented
Programming Java, Computer Architecture, Data Structures, Database Management Systems

SKILLS

Software: Visual Studio 2013 - 2015, Intellij, Eclipse, Microsoft Office, Git, Android Studio, Wireshark, Gradle
Languages: C, C++, C#, Java, SQL, PHP, JavaScript, HTML, CSS, Python, Objective-C
Frameworks: React, express, LibGDX, OpenTK, AngularJS, Laravel, jQuery, Foundation, Bootstrap, netty.io
Operating Systems: Windows XP, WIndows 7/8/10, LInux/Unix

PROJECTS

Sharp2D
2014-2016
- Built a C# library adapted for making game prototypes quickly and easily.
- OpenGL and OpenTK was used.
- Team of 2, used Slack for communication and Git for project management.

JConfig   August 2015
- Built Java library for creating custom configuration classes that bind to json files.
- Gson was used for serializing and deserializing json files.
- Java reflection was used for dynamically implementing custom config interfaces.

Project Ghost   May 2015 - Present
- Developed and managed team for Java based multiplayer game.
- Netty.io for networking over TCP, LibGDX for client-side rendering, MongoDB for server database.
- Team of 5 people, used Slack for communication and Git for project management.

Taskbar Rave | Computer Science II   September 2015
- Built C program that analyses music and pulses taskbar color in Windows

TinyHttp   December 2015
- Small Java library for creating and serving Java based website

Animu   August 2014 - December 2015
- Designed and programmed C# application for organizing media files
- FFMPEG was used for decoding video files and Json.Net was used for serializing json files
- .Net WPF was used for designing GUI

Dissonance Prototype   April 2015
- Managed team of 6, programmed Java based game in 4 weeks
- LWJGL was used for OpenGL rendering

EXPERIENCE

TECHeGO, LLC | South Jordan, Utah   May 2015 - August 2015
Part Time Laravel Programmer
- Programmed and designed web apps in PHP using Laravel and React
- Helped develop Sync4Podio project

iD Tech Camps | Waltham, Massachusetts   July - August 2015, July - August 2016
Instructor
- Educated kids (age 12-17) in Arduino, Java, and Unreal Engine 4
- Once a week, taught and supervised a group of 8